

UWIN (Utah Wireless Integrated Network)
MINUTES
September 3, 2004, 10:00 a.m.
SOB Room 5112

Conducting: Camille Anthony, Executive Director, DAS

Attending Board Members

Dave Fletcher, Interim Director, ITS
Lloyd Johnson, Information Service Director, DNR
Steve Foote, South SLC Fire Chief
Val Oveson, CIO
Mike Petersen, Executive Director, UEN
Steve Proctor, Director UCAN
Val Shupe, President, Utah Chiefs of Police
Verdi White, Deputy Commissioner, Homeland Security/DPS

Staff

Phil Bates, DPS
Nancy Gibbs, Utah Rural Telecomm Assn
Mark Peck, Captain SLCPD
Floyd Ritter, ITS
Brent Thomas, DPS/DES

Visitors

Ron Bullock, Sandy PD
Lou Little, DPS/DES
Anita Williams, ITS Assistant, Sandy PD

AGENDA

Welcome.....Camille Anthony

Welcome to representatives from the Sandy police department Ron Bullock and Anita Williams. Invited to ask any and all questions you may have.

Mobile Data Network Update
Phil Bates

- Private data network is in process
- Targeting rural Utah first, intending to complete the last quarter of this year and the first quarter of 2005
- Finishing in the Wasatch front, having a statewide blanket.
 - Camille reported on the grant: Know within 30 days if request for \$1,000,000 available to have same functionality in the Wasatch area.
- Delivery of equipment through the month of September - acceptance with FCC, shipping today.
- Speeds will be 33 to start with an upgrade to 64 going into 128 with wide channel. Installations went well.
- As soon as we get equipment and activity through the LAN, project will be operational.

Rate Review Committee

Meets Tuesday, September 7.

- Preliminary rate for the data component system of the mobile data service proposed to be \$15 per month per service wherever we have coverage (eventually statewide).
- Presenting a second rate that would include the mobile data radio \$800 for \$53 a month.
- A third rate would include laptop as well as mobile data radio and monthly service.
- Full service versus airtime will be an issue for the rate committee.

Phase II: Omni Link
Phil Bates

Status update

- Committee meets every week to go through issues.
 - Handout of project with Status Update, including project schedule "milestones", equipment installation and optimization, Cedar City, National Guard, EOC.
 - Many rural consoles tied to it; it will be a big move to move all the assets onto it.
 - UCAN assets won't have a seamless migration until they come on it.

- Time plan is October and January, February to continue process.
 - Steve Proctor had a diagram showing the process of linking the Omni Link
 - Steve Foote reported the group working with the templates (version 11) naming everything the same. Programs will be ready January/February at the soonest.
- Training with dispatchers. Emphasis in the rural areas so they will be aware of how to use the system. Dispatchers won't see any difference until January or February.
 - Idea of 800 MHz status on Phase II. Function and operation much like the old state system. Dispatch center can patch you to whoever you need to talk you in that area. Can't patch you back to UCAN right now because they don't have those assets on the new system; however, potentially technically it can.
 - National and State channels in radios. Radio to radio and on a repeated mode.
 - Sandy City won't have to reprogram anything; however, training will be necessary for everyone to know how to connect through the system. Details can be requested from Phil Bates.
 - Dedicate one T1 span to all places for data transmission. Statewide area network is creating a virtual channel within the existing network without duplicating costs. Worked out well in rural Utah.
 - Phase III should be done by March, which should complete the process.
 - Working with UTA for policing and securing organizations on 900 MHz to try to get good solution for breaching the two.
 - BIM to BIM Colorado. Next two to three months equipment will allow you to patch any of our resources statewide in Utah through any resources in Colorado. Similar for all state when we can get a centralized backbone.
 - Equipment installation audits: Motorola Identifying problems with existing installations. Older ones don't conform to new regulations. To be done on a regular basis.
 - Ongoing maintenance costs: Figures to address.
 - Every couple of months Phil will bring the UWIN group up to date on time frames and processes.

Education Committee Update Verdi White
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Bob Anderson, bureau chief of all training and education technology.

- Create training and opportunity to train on a regular basis, including media training.
- People in place, including University of Utah interns, to help create training on this topic.
- DPS will provide as a resource to anyone at no cost, and is working with UEN for the video conferencing to get it to remote areas to reduce costs and travel.
- Set up training that would be specific to your needs, and help develop the curriculum.
- Interoperability meeting on September 13th.
- Training will start in next couple of months for communication and interacting with the system. Nontraditional communication issues.

Camille and Phil attended Public Officials conference several weeks ago, which picked up new interest on this project, including Sandy and airport personnel.

Please put on Utah Technology agenda for a formal presentation to get Legislatures into the group.

UWIN Geography Dave Fletcher
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Maps posted giving examples of providing visuals for the Education Committee.

- Getting together as many layered datasets as we need.
- Standardized data available for the State Geographic Information Data Base GIDB.
- Some of data will need to be secured because of critical infrastructure implications.
- No database available at this time that could be overlaid on the map showing their coverage PSAPs
- E911 committee will feed this, helping us better map coverage areas covered by different PSAPs
- Line data for microwave paths and other kinds of resources similar. State microwave critical.
- Different colors for bandwidth capacities to determine what we have and what is needed.
- Increase the wide area network. Continuing to build those.
- Coverage indications from 802.11 to 4.9 GHz to broader 700 MHz mobile data network coverage.

- Data for mountaintop sites

Maps available for presentations

Chief Foot asked about receiving maps on PDF format for presentation at a meeting the Chiefs were having in September and obtaining info on a disk for the appropriate people. Large plotters that can plot this type of information and are available for education local policymakers, police, fire; we can tailor them for specific needs.

Presentation made in Park City by Camille could be made available for use. Chief Foot to communicate with Camille to get this emailed to him, and contact Fletcher for other maps, information needed. For anyone on board or staff who needed this information, could be made available.

ODP Response to Grant Funds

Camille Anthony

Washington, D.C. meeting attended by Commissioner Flowers, Commissioner White, and Camille for ODP folks.

- Acceptable uses of Homeland Security grant dollars.
 - 1) Approved in writing to use dollars for maintenance contracts (if a region, receiving their 80% pass through, chose to use those grant dollars to pay for a year service contract for, i.e., UCAN or an ITS service). Monitor with Emergency Management and DPS staff
 - 2) Approved purchase of existing communication equipment; local or state could purchase infrastructure equipment currently owned by UCAN.
 - Steve Proctor clarified paying debt. Set up offset costs; can't use it as an investment. One-time refinance if rates got better.
 - Val noted bond covenant restrictive from the investable sinking fund.
 - Don't need to purchase it direct from a vendor, even if it has been paid for by a Federal grant before.
 - 3) Retiring an existing loan is not allowable.

Work very carefully with grant management and finance people of Public Safety. Little different compared to what other states are doing.

Technology Committee

Doug Chandler

- Last meeting August 13th in Cedar City with 31 in attendance. Highlight of meeting was Washington County's presentation with what they are doing with 802.11.
- August 25th mobile data project team meeting in Fillmore. Chair for project from Millard County Sheriff's office. Good news for supporting mobile data; several agencies fighting to be first. Interest is very good.
 - Equitel gave a presentation on the mobile Enterprise management solutions to manage any Enterprise mobile system on PDA.
 - Follow-up meeting September 10th.
- Receiving mobiles a lot faster than the bay stations. The bay stations will be going before mobiles in cars. Grant money that could buy UHF units first (\$1200), purchasing equipment that would be thrown away later. Need roll over sooner than planned. Camille advised we make sure we are not making poor choices on this now.
- Motorola R56 standards for sites for grounding. Returning technician who has been on active military duty to lead up, making sure all R56 sites are up to standards, which are very good. Following guidelines, and use dedicated people.
- August 31st meeting. Narrowband migration subcommittee.
 - VHF spectrum has issues that are complex. Boyd Webb is getting a draft out as soon as possible for comment.
 - Goal is to have a report for this committee by the end of the year. FCC has stayed one deadline
 - Equipment available compliant with narrowband; start replacing it now.
- September 21, South Dakota third annual bio-terrorism conference asked us to give a presentation on our success story. Impressed with Omni Link project.
- Any new radios you buy now will be okay. Beginning 1997 radios had to have dual wideband/narrowband.

- Sandy, if you have any 'geeks' that would like to participate on this technology committee, they would be welcome. Access by the UNWIN website.

Finance Committee Camille Anthony

- Rate process covered previously. Will keep you posted.
- Interoperability committee information from Oregon and Washington report by Steve Proctor
 - Outline handout. Left copy with Camille. Copies available if needed.
 - URL is not on document. If you wish the detailed, document, contact Steve Proctor.
 - Committees focused on wireless radio. Goals they wanted to establish, making sure they have communication and resources.
 - Back page are basic recommendations from someone that Steve thought we ought to use.
 - Mission should be to identify and develop a technology system and resources between agencies when needed and as needed.
 - Involve all levels of first responders.
 - Committee representative of membership of interoperability
 - Support from political bodies.
 - Grants where available.
 - Resource sharing
 - Develop operational policies and procedures. 700 interoperability channels must use the system. Assignment of channels to be used.
 - Training of all people involved. Hold test exercises on a regular basis so people know how to use. Example of incident up at Pine View where responders couldn't find the common channel to coordinate radios which were labeled differently. Had communication; didn't know where to find it on the radio.
 - Educate political bodies as to capabilities of systems, understanding the investment

County consolidation is going well. By mid October Salt Lake County should be on UCAN system (2,000 units and 700 at jail on 33rd south).

Other Business

- E911 committee legislation required DPS to put together committee.
 - Names to go before the Senate for confirmation have been submitted and should be confirmed in the interim committee on September 15th.
 - Regional PSAPs are also on there.
 - Technology and equipment representatives required Senate confirmation. State representatives assigned as well. That committee will meet shortly after the confirmations are done. Then it can be up and operating.
 - Drive of that group is the plotting locations of cell phone callers when they call 911.

MEETINGS SCHEDULED

Wednesday, September 13th, S, IEC DPS, first Interoperability meeting, Calvin Rampton Building, 10:00 a.m.

Friday, September 10th, UWIN TSC, Millard South, 10:00 a.m.

Monday-Tuesday, September 20-21 mobile data training, So. Ogden radio shop

Thursday, September 23rd, 700 RPC implementation and technology subcommittee, VECC, 10:00 a.m.

Friday, September 24th, 700 RPC "final regional meeting", Richfield, 20:00 a.m.

Friday, October 1, 2004 next meeting:

Hope to have Immobile here to give an update and available to ask any questions.